

Table 6.5 – Electric-Generator Cumulative Additions and Retirements(Gigawatts)¹

	<u>2010</u>	<u>2015</u>	<u>2020</u>	<u>2025</u>	<u>2030</u>
Cumulative Planned Additions					
Coal Steam	8.3	9.3	9.3	9.3	9.3
Other Fossil Steam ²	0.1	0.1	0.1	0.1	0.1
Combined Cycle	25.7	25.7	25.7	25.7	25.7
Combustion Turbine/Diesel	5.3	5.3	5.3	5.3	5.3
Nuclear	0.0	0.0	0.0	0.0	0.0
Pumped Storage	0.0	0.0	0.0	0.0	0.0
Fuel Cells	0.0	0.0	0.0	0.0	0.0
Renewable Sources ³	10.0	11.0	11.1	11.2	11.4
Distributed Generation ⁴	0.0	0.0	0.0	0.0	0.0
Total Planned Additions	49.4	51.5	51.6	51.7	51.8
Cumulative Unplanned Additions					
Coal Steam	3.4	7.0	32.9	77.7	145.1
Other Fossil Steam ²	0.0	0.0	0.0	0.0	0.0
Combined Cycle	0.0	5.5	29.9	41.9	46.8
Combustion Turbine/Diesel	4.7	11.6	21.5	31.3	46.2
Nuclear	0.0	2.2	6.0	6.0	6.0
Pumped Storage	0.0	0.0	0.0	0.0	0.0
Fuel Cells	0.0	0.0	0.0	0.0	0.0
Renewable Sources ³	0.4	1.7	4.8	8.3	10.4
Distributed Generation ⁴	0.2	0.6	1.4	2.4	5.5
Total Unplanned Additions	8.8	28.6	96.5	167.7	260.0
Cumulative Retirements					
Coal Steam	3.0	6.8	6.8	6.8	6.8
Other Fossil Steam ²	2.0	37.9	44.0	45.1	49.0
Combined Cycle	0.6	0.6	0.6	0.6	0.6
Combustion Turbine/Diesel	1.4	8.2	8.2	8.2	8.2
Nuclear	0.0	0.0	0.0	0.0	0.0
Pumped Storage	0.0	0.0	0.0	0.0	0.0
Fuel Cells	0.0	0.0	0.0	0.0	0.0
Renewable Sources ³	0.1	0.1	0.1	0.1	0.1
Total Retirements	7.1	53.6	59.8	60.8	64.7

Sources: EIA, *Annual Energy Outlook 2006*, DOE/EIA-0383 (2006) (Washington, D.C., February 2006), Table A9.

Notes:

¹ Additions and retirements since December 31, 2001.

² Includes oil-, gas-, and dual-fired capability.

³ Includes conventional hydroelectric, geothermal, wood, wood waste, municipal solid waste, landfill gas, other biomass, solar, and wind power.

⁴ Primarily peak load capacity fueled by natural gas.